# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

## BYATARAYANAPURA DIVISION

## KODIGEHALLI SUB DIVISOIN

**Name of the Work** : **Maintenance of water supply works to existing borewell at Dasarahalli Village and surrounding area in ward no. 08 (Amrutahalli)**

**Estimated Cost** : **6.00 Lakhs**

# ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 08(ಅಮೃತಹಳ್ಳಿ) ವ್ಯಾಪ್ತಿಯಲ್ಲಿ Maintenance of water supply works to existing borewell at Dasarahalli Village and surrounding area in ward no. 08 (Amrutahalli) ಕಾಮಗಾರಿ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 08(ಅಮೃತಹಳ್ಳಿ) ವ್ಯಾಪ್ತಿಯಲ್ಲಿ Maintenance of water supply works to existing borewell at Dasarahalli Village and surrounding area in ward no. 08 (Amrutahalli) ಕಾಮಗಾರಿಗೆ ರೂ. 6.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2023-24 ನೇ ಸಾಲಿನ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-1802ರ ಅಡಿಯಲ್ಲಿ ಮೀಸಲಿಟ್ಟ ಅನುದಾನದಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಕ್ರಿಯಾ ಯೋಜನೆಗೆ ಅನುಮೋದನೆ ನೀಡಲಾಗಿರುತ್ತದೆ.

ಅದರಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

1. ಹಾಲಿ ಕೊರೆದಿರುವ ಕೊಳವೆ ಬಾವಿಗಳ ಪಂಪು ಮತ್ತು ಮೋಟಾರ್‌ಗಳ ರಿಪೇರಿ ಹಾಗೂ ಅಗತ್ಯ ಬಿಡಿ ಭಾಗಗಳನ್ನು ಒದಗಿಸುವುದು.
2. ಪಿ.ವಿ.ಸಿ ಪಂಪು ಕೇಬಲ್ ಒದಗಿಸುವುದು.
3. ಎಂ.ಸಿ.ಬಿ, ಫ್ಯೂಸ್ ಚನಲ್ಸ್, ಒದಗಿಸುವುದು.
4. ಪೈಪ್‌ಲೈನ್ಗಳನ್ನು ಅಳವಡಿಸುವುದು, ಗೇಟ್‌ವಾಲ್‌ಗಳನ್ನು ಒದಗಿಸುವುದು.
5. ಅಗೆತ ಮಾಡಿರುವ ಕೊಳವೆ ಸಾಲುಗಳನ್ನು ಮತ್ತೆ ಮುಚ್ಚುವುದು. ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD 2023-2024 ನೇ ಸಾಲಿನ ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2023-24ನೇ ಸಾಲಿನ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ ಪಿ-1802ರ ಅಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ಈ ಮೂಲಕ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

**Estimate Cost Rs. 600000.00**

**Name of Work : Maintenance of water supply works to existing borewell at Dasarahalli Village and surrounding area in ward no. 08 (Amrutahalli)**

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | The lifting of submersible pumpset from well. (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.20 ) | Each | 2 | 10 | | | **20.00** | 1500.00 | **30000.00** |
| 2 | The Transportation of pumping machineries (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.18 ) | Each | 10 | | | | **10.00** | 1200.00 | **12000.00** |
| 3 | Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) for (PWD SR 2023-24 Vol-V Page No.147, Item No.13.1.7) For all types of submersible pumpsets above 7.0 HP and upto 7.5H.P. | Each | 1 | | | | **1.00** | 3839.00 | **3839.00** |
| A | For all types of submersible pumpsets above 10 HP and upto 11 H.P.(PWD SR 2023-24 Vol-V Page No.147, Item No.13.1.13) | Each | 5 | | | | **5.00** | 5157.00 | **25785.00** |
| B | For all types of submersible pumpsets above 12 HP and upto 13 H.P..(PWD SR 2023-24 Vol-V Page No.147, Item No.13.1.15) | Each | 10 | | | | **10.00** | 5983.00 | **59830.00** |
| C | For all types of submersible pumpsets 15HP to 20 HP(PWD SR 2023-24 Vol-V Page No.147, Item No.13.1.18) | Each | 10 | | | | **10.00** | 8930.00 | **89300.00** |
| 4 | The bowls of same type and make (PWD SR 2023-24 Vol-V Page No.147, Item No.13.2.1) | Each | 15 | | | | **15.00** | 1500.00 | **22500.00** |
| 5 | The Intermediate piece (IP) with IP leaded bronze brush. (PWD SR 2023-24 Vol-V Page No.147, Item No.13.2.2) | Each | 5 | | | | **5.00** | 1050.00 | **5250.00** |
| 6 | The upper flange(PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.7) | Each | 10 | | | | **10.00** | 650.00 | **6500.00** |
| 7 | Upper/ Lower Housing (PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.9) | Each | 5 | | | | **5.00** | 1200.00 | **6000.00** |
| 8 | The Guide Vane (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.5) | Each | 10 | | | | **10.00** | 700.00 | **7000.00** |
| 9 | The Impeller (Shell moulded with aluminium and bronze.) (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.6) | Each | 5 | | | | **5.00** | 1500.00 | **7500.00** |
| 10 | The discharge outlet (DO) bearing DO steel brush DO bearing. (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.7) | Each | 5 | | | | **5.00** | 2050.00 | **10250.00** |
| 11 | The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.10) | Each | 5 | | | | **5.00** | 1500.00 | **7500.00** |
| 12 | Pump Couping (Stainless Steel) (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.12) | Each | 10 | | | | **10.00** | 1500.00 | **15000.00** |
| 13 | Stud and Nuts (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.14) | Each | 5 | | | | **5.00** | 200.00 | **1000.00** |
| 14 | Motor Base With Pin (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.17) | Each | 10 | | | | **10.00** | 500.00 | **5000.00** |
| 15 | The Starter of Motor up to 4 to 5 HP(PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.3) | Each | 5 | | | | **5.00** | 3500.00 | **17500.00** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 16 | The Rotor of Motor up to 4 to 5 HP(PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.6) | Each | 5 | | | | **5.00** | 2000.00 | **10000.00** |
| 17 | Carbon Housing(PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.11) | Each | 10 | | | | **10.00** | 200.00 | **2000.00** |
| | The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad. (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.12) | Each | 10 | | | | **10.00** | 2200.00 | **22000.00** |
| 19 | Oil Seal Steel Bush (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.4) | Each | 5 | | | | **5.00** | 250.00 | **1250.00** |
| 20 | Oil Seal (PWD SR 2023-24 Vol-V Page No.147, Item No.13.2.3) | Each | 10 | | | | **10.00** | 350.00 | **3500.00** |
| 21 | The steel bearing bush (DO steel bush)(PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.8) | Each | 5 | | | | **5.00** | 400.00 | **2000.00** |
| 22 | Allen Screw (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.9) | Each | 5 | | | | **5.00** | 1200.00 | **6000.00** |
| 23 | The pump key (stainless steel) (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.13) | Each | 10 | | | | **10.00** | 650.00 | **6500.00** |
| 24 | Non – return valve (NRV) assembly complete with rubber 'O' Ring (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.11) | Each | 7 | | | | **7.00** | 650.00 | **4550.00** |
| 25 | Cable Guard (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.14) | Each | 10 | | | | **10.00** | 350.00 | **3500.00** |
| 26 | Strainer (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.15) | Each | 5 | | | | **5.00** | 450.00 | **2250.00** |
| 27 | Brass Filter (PWD SR 2023-24 Vol-V Page No.148, Item No.13.2.16) | Each | 10 | | | | **10.00** | 1050.00 | **10500.00** |
| 28 | Re-erection charges of pumping machineries including overhauling and pointing (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.19) | Each | 5 | | | | **5.00** | 2000.00 | **10000.00** |
| 29 | Lock Ring (PWD SR 2023-24 Vol-V Page No.148, Item No.13.3.10) | Each | 10 | | | | **10.00** | 350.00 | **3500.00** |
| 30 | The Carbon Housing (Top carbond / ferrodo padding) (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.13) | Each | 10 | | | | **10.00** | 350.00 | **3500.00** |
| 31 | The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.15) | Each | 10 | | | | **10.00** | 850.00 | **8500.00** |
| 32 | Circillps (PWD SR 2023-24 Vol-V Page No.149, Item No.13.3.16) | Each | 9 | | | | **9.00** | 200.00 | **1800.00** |
| | | | | | | | | | |
| | **Genaral Items** | | | | | | | | |
| 33 | Supplying & fixing of Porcelain fuse channel with cut out onexisting wooden/panel using necessary nuts, bolts and washers complete (PWD SR 2023-24 Vol-VI Page No.13, Item No.5.7.3) | Each | | | | | | | |
| | 63 Amps | | 5 | 3.00 | | | **15.00** | | |
| | | | | | | | **15.00** | 401.00 | **6015.00** |
| 34 | Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metre Pipes of dia 32mm to 80mm (PWD SR 2023-24 Vol-V Page No.15, Item No.2.2.2) | Each | 5X30 | | | | **150.00** | 322.00 | **48300.00** |
| 35 | Supply and delivery at site Brand new best make PVC insulated cable of Flat 3 core (sheathed) of nominal cross sectional area as per IS 694-1990 with ISI Mark and as per its latest amendments. 1x3x6 m2 (PWD SR 2023-24 Vol-V Page No.154, Item No13.22.4) | Mtr | | | | | | | |
| | | | 1 | 50.00 | | | **50.00** | 185.00 | **9250.00** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box. (PWD SR 2023-24 Vol-V Page No.155, Item No13.26) | per 3 poles | | | | | | | |
| | | | 5 | | | | 5.00 | 1150.00 | 5750.00 |
| 37 | Earth work excavation for pipeline trenches in all kinds of soils by mechanical means above 600 mm trench width as per drawing and technical specifications, including setting out, construction of shoring, strutting, barricading, caution lights, bracing, using sight rails & boning rods at every 100 mm whevere necessary as directed, removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench to the extent required , utilising the available excavated earth locally for the work etc., and all other appurtenances complete in the following strata. Depth exceeding 1.5 m, but not exceeding 3 mPWD SR 2023-24 (Vol-1 Page No. 45 Item no.1.17.2 ) | Cum | | | | | | | |
| | | | 1 | 20.00 | 0.45 | 0.75 | 6.75 | | |
| | | | | | | | 6.75 | 364.10 | 2458.00 |
| | Basic Rate | 331.00 | | | | | | | |
| | Add 10% Area Weightage | 33.10 | | | | | | | |
| | | 364.10 | | | | | | | |
| 38 | Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete (PWD SR 2023-24 Vol-V Page No.120, Item No10.14.1) | Mtr | | | | | | | |
| | 4 Kg/m2: 63mm(weight of pipe -0.465 kg) | | 1 | 20.00 | | | 20.00 | | |
| | | | | | | | 20.00 | 117.00 | 2340.00 |
| 39 | Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. ncluding cost of all labour complete as per specificationsPWD SR 2023-24 (Vol-1 Page No. 07 | Cum | | | | | | | |
| | | | Qty. Vide Item No. | | | | 6.75 | 160.00 | 1080.00 |
| | Basic Rate | 122.00 | | | | | | | |
| | 10% area weightage | 12.20 | | | | | | | |
| | Total | 134.20 | | | | | | | |
| | | | | | | | | Sub Total | 508297.00 |
| | | | | | | | | 18% GST | 91493.00 |
| | | | | | | | | Misc | 210.00 |
| | | | | | | | | Total | 600000.00 |

ADMINISTRATIVE SANCTION
Accorded for Rs. 6.00 Lakhs
Head of A/c. P-1802
Div. Ref. No. 51 Date 01/02/24
AE/DM EE(BTP) BBMP

TECHNICAL SANCTION
Accorded for Rs. 6.00 Lakhs
Head of A/c. P-1802
Div. Ref. No. 27 Date 01/02/24
AE/DM EE(BTP) BBMP

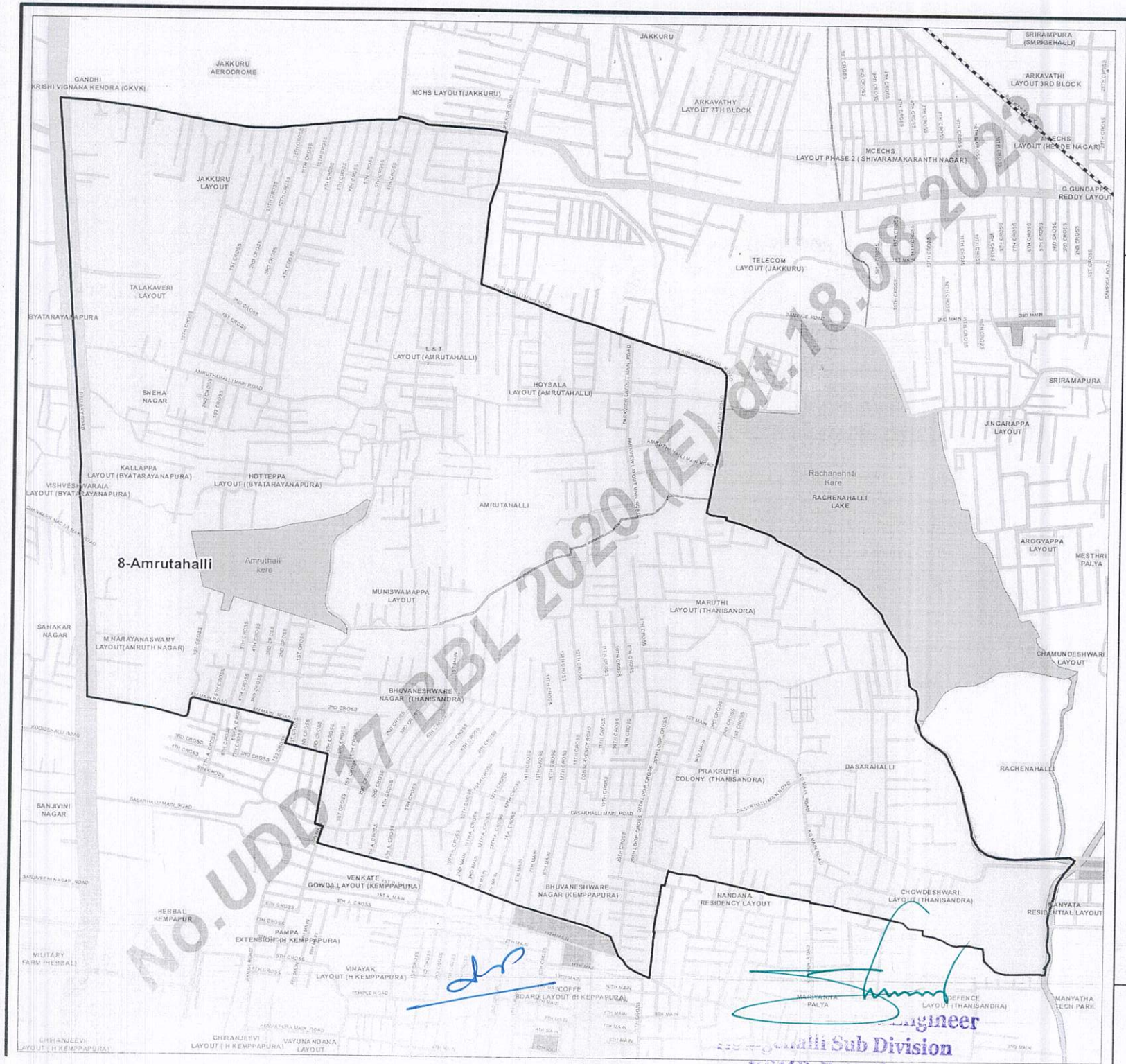
**CERTIFICATE :**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per(PWD SR 2023-24 Vol-I, V and VI
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara
Byatarayanapura Division




No.UDD 17 BBL 2020 (E) dt.18.08.2023

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# Delimitation of Wards in BBMP - 2023

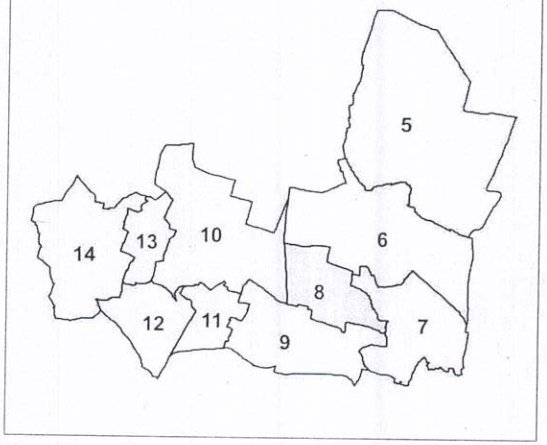
**Ward Name**

## 8-Amrutahalli

**Legend**

- Delimited Ward Boundary
- Delimited Ward Area
- Road
- Railwayline
- Park
- Tank/ Pond/ Storm Water Drain

**152- Byatarayanapura AC**




Government of Karnataka Notification
No.UDD 17 BBL 2020 (E) dt.18.08.2023

Delimitation Commission

Engineer
Sub Division
BBMP, Bangalore